

Claims

1. An armrest assembly comprising:

a stationary tube for attachment to a chair, the stationary tube comprising recesses in an internal face;

a movable tube inserted in the stationary tube, the movable tube defining an aperture;

an armrest installed on the movable tube;

a detent for insertion into one of the recesses of the stationary tube through the aperture of the movable tube;

a rod put in the movable tube, the rod defining a recess for receiving the detent, the recess of the rod comprising a shallow portion and a deep portion; and

a lever connected with the rod and installed on the armrest in order to move the rod so as to control the detent.

2. The armrest assembly according to claim 1 comprising a pad installed on the armrest.

3. The armrest assembly according to claim 1 wherein the armrest comprises two bearings formed thereon, wherein the lever comprises a shaft supported on the bearings.

4. The armrest assembly according to claim 1 wherein the armrest defines an aperture, wherein the lever comprises a button extending through the aperture of the armrest.

5. The armrest assembly according to claim 1 wherein the armrest defines an aperture, wherein the lever defines an aperture aligned with the aperture of the armrest, wherein the rod is inserted in the movable tube through the aperture of the lever and the aperture of

1 the armrest.

2 6. The armrest assembly according to claim 5 comprising a pin driven
3 through the rod and supported on the lever.

4 7. The armrest assembly according to claim 6 wherein the lever defines
5 two recesses for receiving two ends of the pin.

6 8. The armrest assembly according to claim 1 comprising an elastic
7 element for connecting the rod with the movable tube.

8 9. The armrest assembly according to claim 8 comprising a plug fit in
9 the movable tube, wherein the elastic element connects the rod with
10 the plug.

11 10. The armrest assembly according to claim 1 comprising a sleeve
12 attached to the armrest in order to cover the movable tube.

13 11. The armrest assembly according to claim 10 wherein the sleeve and
14 the armrest are made as one piece.

15 12. An armrest assembly comprising:

16 a stationary tube for attachment to a chair;

17 a positioning tube fit in the stationary tube, the positioning tube
18 comprising recesses in an internal face;

19 a movable tube inserted in the stationary tube, the movable tube
20 comprising an aperture;

21 an armrest installed on the movable tube;

22 a detent for insertion into one of the recesses of the stationary tube
23 through the aperture of the movable tube;

24 a rod put in the movable tube, the rod defining a recess for receiving
25 the detent, the recess of the rod comprising a shallow portion and a
26 deep portion; and

1 a lever connected with the rod and installed on the armrest in order to
2 move the rod so as to control the detent.

3 13. The armrest assembly according to claim 12 wherein the positioning
4 tube comprises a flange for abutment against the stationary tube.

5 14. The armrest assembly according to claim 12 wherein the positioning
6 tube consists of two halves.

7 15. The armrest assembly according to claim 14 wherein each of the
8 halves of the tube comprises a flange for abutment against the
9 stationary tube.

10 16. The armrest assembly according to claim 12 comprising a stop
11 installed in the positioning tube, wherein the movable tube
12 comprises a flange for abutment against the stop.

13 17. An armrest assembly comprising:

14 a stationary tube for attachment to a chair, the stationary tube
15 comprising pairs of recesses in an internal face;

16 a movable tube inserted in the stationary tube, the movable tube
17 comprising two apertures;

18 an armrest installed on the movable tube;

19 two detents for insertion into one of the pairs of recesses of the
20 stationary tube through the apertures of the movable tube;

21 a rod put in the movable tube, the rod defining two recesses for
22 receiving the detents, each of the recesses of the rod comprising a
23 shallow portion and a deep portion; and

24 a lever connected with the rod and installed on the armrest in order to
25 move the rod so as to control the detents.

26 18. The armrest assembly according to claim 17 comprising an elastic

1 element for connecting the rod with the movable tube.
2 19. The armrest assembly according to claim 18 comprising a plug fit in
3 the movable tube, wherein the elastic element connects the rod with
4 the plug.
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